

Presentation Abstract

Session Title: Improving Quantitative Information for the California Water Plan

**Moderator: Rich Juricich, California Department of Water Resources,
Statewide Planning Branch**

Water Portfolio Refinement and Coordination with WEAP and CALSIM Studies

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Presentation Abstract

An on-going issue in water planning is the need for better, more detailed data to characterize current use, supplies, and operational conditions in local, regional, and statewide water analysis. The Water Portfolios as presented in the California Water Plan Update 2005 were a starting point for data management, analysis, and presentation. In a continuing effort, the California Department of Water Resources is developing methodologies and conducting pilot studies to improve annual estimates of water supplies and uses for different hydrologic conditions. These methodologies focus on improving the representation of current system operations and conditions and understanding the relationships between supplies, water uses, operations, and hydrologic conditions and their underlying factors to assess future conditions. This presentation will highlight these developments and how they relate to improving the CALSIM model and the application of the WEAP model to the Sacramento Valley.